



Photointerpretation and field check 1978,<sup>9</sup>  
This report is preliminary and has not  
been reviewed for conformity with U. S.  
Geological Survey editorial standards.  
Data on location of strip mines in part from:  
Black, Douglas F. B., 1978, Geologic map of the  
Tallaga Quadrangle, east-central Kentucky: U. S.  
Geological Survey Geologic Quadrangle Map GQ-1500,  
scale 1:24,000.

OF THE TALLEGA, KY. QUADRANGLE

by  
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1982

U.S. Geological Survey

OPEN FILE MAP 82-51 (E-4)

NOTE

Information shown is intended as a general guide to ground conditions as of the date of field check. Additional landslides and rockfalls should be anticipated in all map units. The map unit depicts the dominant condition in the area delineated and variations in slope stability may occur at any point in the unit. This map is suitable for general planning purposes and as a supplement to more detailed studies for site selection. The map cannot be used as a substitute for detailed geologic and engineering investigations to establish design and construction criteria of specific sites. Some symbols may not appear on this map because the description is applicable to a series of maps.

### MAN-MADE FEATURES

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Strip mines (combination of letter symbols indicates complex formed of more than one type of strip mine)

typ	typical
sh	bench with high wall
sf	furrowed with high wall
sd	multiple furrows and multiple benches
ss	hilltop removed
srg	reclaimed by grading
sru	reclaimed by secondary use
sh/r	regraded in part, high wall remains
Coal refuse banks	
r	identified on aerial photographs; not classified in field check
rb	not burnt nor on fire
rbb	burnt
rbd	burning
rbz	sludge
Quarries	
q	quarry site
qub	spoil bank, quarry waste
Gravel pits	
g	site of gravel pit
Slides in man-made features	
af	earth flow in fill
a/s	earth flow in strip castings
a/r	earth flow in coal refuse
JENKINS 1"x2" SHEET	

AREAS LEAST PRONE TO LANDSLIDES

Map areas in which no patterns or symbols are shown; primarily valley floors, ridge tops and broad benches; modification by excavation and fill may lead to local landslides.

The first four digits of the open file number designate the specific 1:250,000 scale map sheet of which this quadrangle is a part. The last two digits designate the position of the quadrangle in a subdivision of the 1:250,000 scale map based on rows and tiers shown in the diagram to the right. The location of this quadrangle is shown by the black square.

